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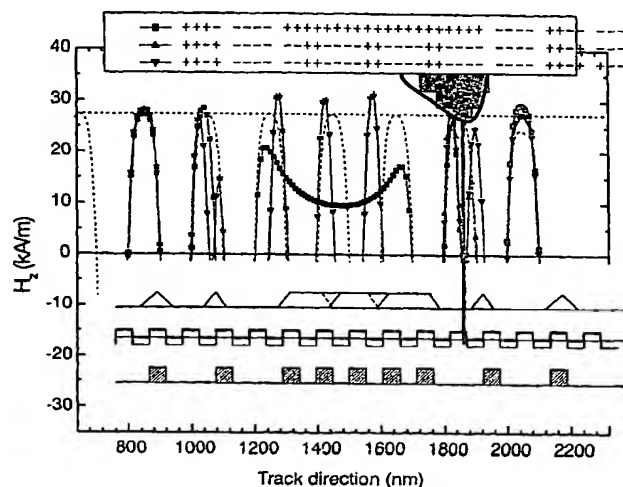
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(54) Title: STRAY FIELD EQUALIZATION FOR IMPROVED DOMAIN EXPANSION READING



(57) Abstract: Magneto-optical recording technique by which an improved domain expansion reading is achieved. A mark region is recorded as a sub-mark portion and an adjacent sub-space portion, wherein the sum of said predetermined first and second lengths is changed in dependence said pattern of marks and spaces. The proposed write strategy allows to write a long run length with sub-mark and/or sub-space lengths selected independent of the channel bit length, such that a long run length can be written with few well-chosen domains with a stray field larger than the minimum field for MAMMOS readout. In this way, differences in readout conditions for all combinations of short and long run lengths can be eliminated, resulting in substantially improved power margins for random data.

WO 2006/105127 A3



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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

## INTERNATIONAL SEARCH REPORT

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 A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 G11B11/105

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 314 061 B1 (MIYAOKA YASUYUKI) 6 November 2001 (2001-11-06) column 7, line 25 -column 8, line 7; figures 5A-5D	1, 4-7, 9, 11-14
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☒ Further documents are listed in the continuation of box C.

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